



ELECTRONIC TUBE REFERENCE

CX220

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power triode for audio-output, amplifier, or oscillator service with manufacturer operating data supporting substantial power delivery.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	3.3 V / 630 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	8000 Ω
TRANSCONDUCTANCE	0.000415 S
AMPLIFICATION FACTOR	3.3
<i>Published ratings and characteristic constants promoted where applicable; operating recommendations retained as parameters.</i>	

CX220: Cunningham power amplifier triode. The complete bulletin was read for construction, ratings, circuit recommendations, and operating characteristics.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1931 Cunningham Radio Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1931 CUNNINGHAM RADIO TUBES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	3.3 V	—
Filament/heater current	630 mA	—
Plate resistance	8000 ohm	—
Transconductance	415 uS	—
Amplification factor	3.3	—

TUBE TINKER

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and their source documents.

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